

Instructions: Bold fields must be completed.

| Station Summary | | | | | | |
|---|--------------------|---|--|---|--|--|
| Waterbody Name | | | Waterbody ID Code | | Sample ID (YYYYMMDD-CY-FD) 20181021-50-2 | |
| Sampling Location RSS - R - 25m - 4g - 102118 | | | | | Database Key 177584040 | |
| SWIMS Station ID 10049350 | | SWIMS Station Name EMMONS CREEK - CONTROL REACH NEAR STRATTON LAKE RD | | | | |
| Latitude 44.29605 | | Longitude -89.24131 | | Lat/Long Determination Method (circle) SWIMS SWDV GPS | | Datum Used if using GPS WGS84 or NAD83 |
| Basin (WMU) WOLF RIVER | | | Watershed Name WAUPACA RIVER | | County PORTAGE | |
| Sample and Site Descriptors | | | | | | |
| Sample Collector (Last Name, First) DAVID A BOLHA, MICHAEL P SHUPRYT | | | | Project Name EMMONS CREEK DISCHARGE REDUCTION MI FY18 | | |
| Sampling Device | | | | | | |
| <input type="checkbox"/> D-Frame Kick Net | | <input type="checkbox"/> Surber Sampler | | <input type="checkbox"/> Eckman | | |
| <input type="checkbox"/> Ponar | | <input type="checkbox"/> Artificial Substrate | | <input type="checkbox"/> Hess Sampler | | <input checked="" type="checkbox"/> Other: <u>Core</u> |
| Habitat Sampled | | | | | | |
| <input type="checkbox"/> Riffle | | <input type="checkbox"/> Run | | <input type="checkbox"/> Pool | | |
| <input type="checkbox"/> Other | | <input type="checkbox"/> Shoreline Composite | | <input type="checkbox"/> Proportionally-Sampled Habitat | | |
| <input type="checkbox"/> Littoral Zone | | <input type="checkbox"/> Profundal Zone | | <input type="checkbox"/> Wetland | | |
| Total Sampling Time (min) | | Estimated Area Sampled (m²) | | Number of Samples in Composite | | Replicate No. _____ of _____ |
| Reason For Sampling | | | | | | |
| <input type="checkbox"/> Least Impacted Reference | | <input type="checkbox"/> Baseline | | <input type="checkbox"/> Impact / Treatment Site | | |
| <input type="checkbox"/> Control Site | | <input type="checkbox"/> Trend | | <input checked="" type="checkbox"/> Other: <u>Special Project</u> | | |
| Water Temp. (C) | D.O. (mg/l) | D.O. (% sat.) | pH (su) | Conductivity (umhos/cm) | | Transparency (cm) |
| Water Color | | | | Estimated Stream Velocity (m/s) | | |
| <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained | | | | <input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s) | | |
| Measured Velocity circle units m/s or f/s | | Average Stream Depth of reach (m) | | Average Stream Width of reach (m) | | |
| Composition of Substrate Sampled (Percent): | | | | | | |
| Bedrock: _____ | | Boulders (basketball or larger): _____ | | Rubble (tennisball to basketball): _____ | | Gravel (ladybug to tennisball): _____ |
| Sand: _____ | | Clay: _____ | | Silt/Muck: _____ | | Overhanging Vegetation: _____ |
| Aquatic Macrophytes: _____ | | Leaf Snags: _____ | | Coarse Woody Debris: _____ | | Other (_____): _____ |
| Embeddedness of Substrate at Sample Site (%) _____ | | | | Canopy Cover at Sample Site (%) _____ | | |

Stream and Watershed Descriptors

N = Not a problem
 U = Uncertain
 PL = Present, Low Impact
 PH = Present, High Impact

| Factors that may be influencing Water Resource Integrity | | Local | Water-shed | Factors that may be influencing Water Resource Integrity | | Local | Water-shed |
|--|--|-------|------------|--|--|-------|------------|
| Biological | | | | Chemical | | | |
| Algae: - Diatoms / Periphyton | | | | Chlorine | | | |
| - Filamentous Algae | | | | Dissolved Oxygen | | | |
| - Planktonic Algae | | | | Nutrients (P, N...) | | | |
| Iron Bacteria | | | | Toxics: - Inorganic (Metals) | | | |
| Macrophytes | | | | - Organic (PCBs, pesticides...) | | | |
| Slimes | | | | Other - Specify: | | | |
| Other - Specify: | | | | Sources of Stream Impacts | | | |
| | | | | Bank Erosion | | | |
| | | | | Point Source - Specify: | | | |
| | | | | Pasturing of Livestock | | | |
| Bank Erosion | | | | Runoff: - Barnyard | | | |
| Channelization: - Upstream | | | | - Construction | | | |
| - Downstream | | | | - Cropland | | | |
| Hydraulic Scour / Channel Incision | | | | - Urban | | | |
| Impoundment: - Upstream | | | | Septic Systems | | | |
| - Downstream | | | | Tile Drainage - Organic Soils | | | |
| Low Flow | | | | - Mineral Soils | | | |
| Sedimentation | | | | Springs | | | |
| Sludge | | | | Tributary(s) | | | |
| Thermal | | | | Wetland | | | |
| Turbidity | | | | Other - Specify: | | | |
| Other - Specify: | | | | | | | |

Comments

Special Instructions for Laboratory

For Lab Use Only

| | | |
|----------------|---|------------------------------------|
| Sample Sorter | Taxonomist <i>Dimick, Jeffrey</i> | Estimated Percent of Sample Sorted |
| Date Processed | Specimens Saved <i>Sample archived in ABC until Oct 2022</i> | |

